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## TRANSMITTAL **FORM**

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Filing Date	2/15/2002
First Named Inventor	Huang
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned

09/25/2002

09/25/2002

Attorney Docket Number 24133711.18

10/077,617

		ENCLC	DSURES (	(check all t	that apply)
Fee Transmittal For	·m	Assignment (for an Ap)			After Allowance Communication to Group
Fee Attache	;d	Drawing(s	;)		Appeal Communication to Board of Appeals and Interferences
Amendment / Repl	ly	Licensing-	-related Papers		Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final	ļ.	Petition			Proprietary Information
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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

8888

Applicant(s): Huang et al.

Serial No.: 10/077,617

Filed:

February 15, 2002

For:

OPTICAL EQUALIZATION WITH BEAM COUNTER-

**PROPAGATION** 

is being filed (check all that apply):

Commissioner for Patents Washington, D.C. 20231

Group Art No.:

Not yet assigned

Examiner:

Not yet assigned

Atty. Docket No.:

24133711.18

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# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant(s) hereby notify the U.S. Patent and Trademark Office of the document(s) which is/are listed on the attached Form PTO-SB/08A. One copy of the listed documents is submitted herewith.

X (1) This IDS does NOT require a fee or 37 C.F.R. § 1.97(e) statement because it

(a) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d); **OR** 

(b) Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application; **OR** 

 $\underline{X}$  (c) Before the mailing of a first Office action on the merits; **OR** 

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(2) This information disclosure statement is filed before the mailing date of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and (check only one): \_\_\_ (a) Is accompanied by the fee set forth in § 1.17(p); OR \_\_\_\_(b) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; OR \_\_\_ (c) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement. \_\_\_ (3) This Information disclosure statement is filed on or before payment of the issue fee and is accompanied by the fee set forth in § 1.17(p); AND (check only one): \_\_\_ (a) Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; OR (b) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any

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The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant(s) does/do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Please charge any necessary fee or credit any overpayment in connection with this Information Disclosure Statement to Deposit Account No. 13-0480 (please reference 24133711.18)

Respectfully submitted,

Brian C. McCormack

Registration No. 36,601

September 24, 2002 BAKER & McKENZIE 2001 Ross Avenue, Suite 2300 Dallas, TX 75201 (214) 978-3040 (telephone) (214) 978-3099 (facsimile)

PTO/SB/08A (10-01)

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Application Number	10/077,617		
Filing Date	2/15/2002		
	Huang		
	Not yet assigned		
Examiner Name	Not yet assigned		
Attorney Docket Number	24133711.18		

			U.S. PATI	ENT DOCUMENTS	
Examiner Initials		Document Number  Number - Kind Code <sup>2</sup> (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		us-5016242	05-14-1991_	Tang	
······································		US-5600467	02-04-1997_	Fee	
		us-5963364	10-05-1999_	Leong-et-al.	
		us-5119443		Javidi-et-al.	
		US-5657-143	08-12-1997-	Hajj-et-al.	
		US-5596661	01-21-1997		PEON
		US-5111321	05-05-1992-		NECEN
		6275328	08-14-2001-	Parry-et-al.	
		us-6130731 us-5978529	10-10-2000-	Andersson-et-al.	OCT_n
		5978529	11-02-1999	Taga et al.	
		TIS 5592327	01=07=1997-		GROUN
		us-6321000	11-20-2001	King	- 37 (OOP !)
		us-5978116	<del></del>	Wu et al.	
		US 6034812	03=07=2000	Naito	
		us-5436760	<sup></sup> 07-25-1995	Nakabayashi	
		us-5889900	03-30-1999		
		us.5963291	10-05-1999	Wu et al.	
		us.5243455	09-07-1993	Johnson et al.	
		us 5381253	01-10-1995		

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	Foreign Patent Document  Country Code 3 -Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
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Filing Date	2/15/2002		
First Named Inventor	Huang		
Group Art Unit	Not yet assigned	_	
Examiner Name	Not yet assigned	_	
Attorney Docket Number		_	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	Ī
		KIM et al., Dynamic Gain Equalization of Erbium-Doped Fiber Amplifier with All-Fiber Acousto-Optic Tunable Filters, OFC '98 Technical Digest, pp. 136-138.	
		PARRY et al., Dynamic Gain Equalisation of EDFAs with Fourier Filters, Nortel Networks.	1
		BETTS et al., Split-Beam Fourier Filter and its Application in a Gain-Flattened EDFA, OFC '95 Technical Digest, pp. 80-81.	
		FRISKEN et al., Low-Loss Polarisation-Independent Dynamic Gain-Equalisation Filter, Optical Fiber Communication Conference 2000, pp. 251-253,-Vol2-(March-2000).	
		The Photonics Dictionary, Definition of Twisted Nematic Phase.	
		WU, Shin-Tson, Liquid Crystals, Chapter 14, pp. 14.1-14.26.	_
	í	INOUE et al., Tunable Gain Equalization Using a Mach-Zehnder Optical Filter in Multstage Fiber Amplifiers, IEEE Photonics Technology Letters, Vol. 3, No. 8 (August 1991)	_
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